

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No. 7170-0554:142 Page 1 of 1

CATEGORY: Control Unit (High-Rise)

LISTEE: Johnson Controls, PO Box 423, Milwaukee WI 53201-0423
Contact: James D. Kinney (414) 524-4358 Fax (414) 276-5979

DESIGN: Model IFC-640, IFC-640E fire alarm control units. Local, auxiliary, remote station (PPU), proprietary (PPU), central station (PPU), automatic, manual, waterflow and sprinkler supervisory services. Refer to listee's data sheet for detailed product description and operational considerations. *System components:

JCPU-640, 640E	CPU Board
JNCA	Network Communication Annunciator
JCI-LBB	Battery Box
JAKS-1B	Annunciator Key Switch
JABF-1B,-2B,-4B	Annunciator Enclosures
JPRN-5	Printer
JBG-12LX	Addressable Manual Pull Station
NCM-W/F	Network Control Module
LEM-320	Loop Expander Module
KDM-2	Keyboard Display Module
TM-4	Transmitter Module
CAB Series	Enclosure
TR-A4, -B4, -C4, -D4	Trim Ring
DP-DISP	Display Dress Panel
DP-1B	Blank Panel
BMP-1	Blank Module
XPDP, DPDW-1B, DPSW-1B, VP-2B	Dress Panels
CHS-4MB, -M2, -4L, -4N	Chassis
*BB-25, BB-17	Battery Box
BP-4	Battery Panel
STS-1	Security Tamper Swith
UDACT	Universal DACT
UZC-256	Universal Zone Coder
ACM-8R, -16AT, -32A, 24AT, -48A	Annunciator Control Module
AEM-16AT, AEM-32A, 24AT,-48A	Annunciator Expander Modules
AFM-16A, AFM-16AT, AFM-32A	Annunciator Fixed Modules
RPT-F, RPT-W, RPT-485W, RTP-485WF	Repeater Wire
SCS-8	Smoke Control Station
SCE-8	Smoke Control Expander
SCS-8L	Smoke Control Lamp Driver Station
SCE-8L	Smoke Control Lamp Driver Expander
LCD-80	Liquid Crystal Display
LCD-80TM	AnnunciatorTerminal Module LCD
LDM-32, -E32, -R32	Lamp Driver Module
RA400, -400Z, FDU-80	Remote Annunciators
FFT-7, -7S	Fire Fighter's Telephone
FHS	Fireman's Handset
FPJ	Fireman's Phone Jack
RPJ-1	Remote Fireman's Phone Jack
VCM-4RK	Voice Control Module
VCE-4	Voice Control Expander
ARM-4	Auxiliary Relay Module

*Corrected 2-05-2003

AMG-1, -E
 AA-30, -100, -120
 ABF-1DB,-2DB,-4DB
 ABS-1TB, -2B
 APS-6R/APS-6RE
 ACPS-2406
 CHG-120
 FCPS-24
 DCM-4RK
 CCM-1
 CRM-4RK
 CRE-4
 ICM-4RK
 ICE-4
 ISO-X
 XP5-M, XP5-C
 XPIQ
 XPC-8
 XPM-8, XPM-8L
 XPP-1
 XPR-8
 VS4095
 ACT-1, -2
 RM-1, RM-1SA
 REL-2.2K

Audio Message Generator
 Amplifiers
 Annunciator Enclosures
 Annunciator Surface Box
 Auxiliary Power supply
 Addressable Power Supply/Battery Charger
 Battery Charger
 Field Charger/Power Supply
 Dual Channel Module
 Communication Module
 Control Relay Module
 Control Relay Expander
 Indicating Control Expander
 Indicating Circuit Expander
 Isolator Module
 Transponder
 Transponder Quad Intelligent Audio
 Transponder Control Module
 Transponder Monitor Modules
 Transponder Processor
 Transponder Relay Module
 Keltron Remote Printer
 Audio Coupling Transformer
 Remote Microphone
 Releasing Supervision Kit

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical rating and UL label.

APPROVAL: Listed as fire alarm control units suitable for high rise applications for use with separately listed compatible initiating and indicating devices.

This control unit can generate the temporal code pattern fire alarm signal as required per NFPA 72, 1999 Edition. Refer to listee's Installation Instructions Manual for details.

NOTE: For **Fire Alarm Verification** feature (delay of fire alarm signal), the maximum Retard/Reset/Restart period shall not exceed 30 seconds.

XLF: 7170-0028:216

*Corrected 2-05-2003



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 10, 2003**

*Listing Expires **June 30, 2004***

Authorized By: **DIANE K. AREND, Senior Deputy
 Program Manager**